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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

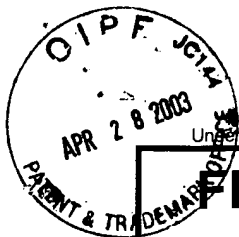
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/687,837																																		
		Filing Date	October 13, 2000																																		
		First Named Inventor	LU, PETER S.																																		
		Group Art Unit	1647																																		
		Examiner Name	BUNNER, BRIDGET																																		
Total Number of Pages in This Submission		7	Attorney Docket Number	VITA-002CIP																																	
ENCLOSURES (check all that apply)																																					
<table border="1"><tr><td><input checked="" type="checkbox"/> Fee Transmittal Form</td><td><input type="checkbox"/> Assignment Papers (for an Application)</td><td><input type="checkbox"/> After Allowance Communication to Group</td></tr><tr><td><input type="checkbox"/> Fee Attached</td><td><input type="checkbox"/> Drawing(s)</td><td><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences</td></tr><tr><td><input type="checkbox"/> Amendment / Reply</td><td><input type="checkbox"/> Licensing-related Papers</td><td><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)</td></tr><tr><td><input type="checkbox"/> After Final</td><td><input type="checkbox"/> Petition</td><td><input type="checkbox"/> Proprietary Information</td></tr><tr><td><input type="checkbox"/> Affidavits/declaration(s)</td><td><input type="checkbox"/> Petition to Convert to a Provisional Application</td><td><input type="checkbox"/> Status Letter</td></tr><tr><td><input type="checkbox"/> Extension of Time Request</td><td><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address</td><td><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):</td></tr><tr><td><input type="checkbox"/> Express Abandonment Request</td><td><input type="checkbox"/> Terminal Disclaimer</td><td>1. Form PTO/SB/08A</td></tr><tr><td><input checked="" type="checkbox"/> Information Disclosure Statement</td><td><input type="checkbox"/> Request for Refund</td><td>2. Copies of cited references</td></tr><tr><td><input type="checkbox"/> Certified Copy of Priority Documents</td><td><input type="checkbox"/> CD, Number of CD(s)</td><td>3. Postcard</td></tr><tr><td><input type="checkbox"/> Response to Missing Parts/ Incomplete Application</td><td></td><td></td></tr><tr><td><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53</td><td>Remarks</td><td></td></tr></table>					<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information	<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter	<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Form PTO/SB/08A	<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	2. Copies of cited references	<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> CD, Number of CD(s)	3. Postcard	<input type="checkbox"/> Response to Missing Parts/ Incomplete Application			<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT																																					
Signing Attorney/Agent (Reg. No.)	JAMES S. KEDDIE, PH.D., 48,920 BOZICEVIC, FIELD & FRANCIS LLP																																				
Signature																																					
Date	April 18, 2003																																				

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Typed or printed name	Susan M. Alessi		
Signature		Date	April 18, 2003

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EE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**180**

Complete if Known

Application Number	09/687,837
Filing Date	October 13, 2000
First Named Inventor	LU, PETER S.
Examiner Name	BUNNER, BRIDGET E.
Art Unit	1647
Attorney Docket No.	VITA-002CIP

TECH CENTER 1640/2900

APR 29 2003

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

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Deposit Account Name Bozicevic, Field & Francis LLP

The Commissioner authorized to: (check all that apply)

☒ Charge fees indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fees indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	x	=
Indep. Claims	-3** =	x	=
Multiple Dependent			=

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examination action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1406	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**180**

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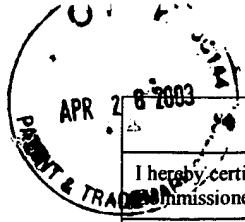
Complete (if applicable)

Name (Print/Type)	James S. Keddie, Ph.D.	Registration No. (Attorney/Agent)	48,920	Telephone	(650) 327-3400
Signature		Date	04/18/2003		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Typed or Printed Name	Susan M. Alessi		
Signature	<i>Susan Alessi</i>	Date	04/18/2003
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Address to: Commissioner for Patents Washington, D.C. 20231	Attorney Docket	VITA-002CIP	
	First Named Inventor	LU, PETER S.	
	Application Number	09/687,837	
	Filing Date	October 13, 2000	
	Group Art Unit	1647	
	Examiner Name	BUNNER, BRIDGET E.	
	Title: "CLASP-2 TRANSMEMBRANE PROTEINS"		

#21
B.G.J
4/29/03

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. This is being filed *after* three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or *after* the mailing date of the first Office Action on the merits, whichever event occurred last, but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

A Form PTO-SB/08A listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

X All of the references identified herein are being submitted prior to the final determination on patentability by the Office. **Of the references identified herein, some were disclosed in parent application serial number 09/547,276, filed 4/11/2000 and as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).**

— All of the references identified herein were cited in an International (PCT) Search Report dated *, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the references are submitted herewith.

— All of the references identified herein were disclosed in parent application Serial No. 09/547,276 and, as such, copies thereof are not included pursuant to the provisions of 37 C.F.R. §1.98(d), except if noted below.

04/28/2003 HBLAND 00000003 500815 09687837

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This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

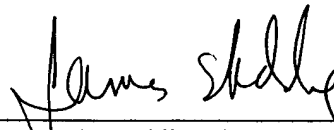
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Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: _____

04/18/2003

By: _____


James S. Keddie, Ph.D.
Registration No. 48,920

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/687,837
		Filing Date	10/13/2000
		First Named Inventor	LU, PETER S.
		Group Art Unit	1647
Examiner Name	BUNNER, BRIDGET E.		
Sheet 1 of 2	Attorney Docket Number	VITA-002CIP	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DRUBIN et al., "Origins of Cell Polarity," <i>Cell</i> , (1996), Vol. 84:335-344	
		GEIGER et al., "Spatial Relationships of Microtubule-organizing Centers and the Contact Area of Cytotoxic T Lymphocytes and Target Cells," <i>J. of Cell Biol.</i> , (1982), Vol. 95:137-143.	
		Genbank Accession No. AB002297	
		Genbank Accession No. AB028981	
		Genbank Accession No. A1653716	
		Genbank Accession No. A1677957	
		Genbank Accession No. A1913163	
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		Genbank Accession No. BE301939	
		Genbank Accession No. BE311583	
		Genbank Accession No. BE763461	
		Genbank Accession No. D86964	
		Genbank Accession No. X68101	
		Genbank Accession No. Z28708	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

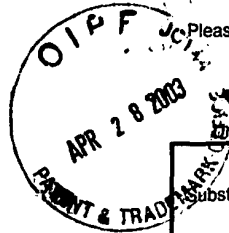
¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

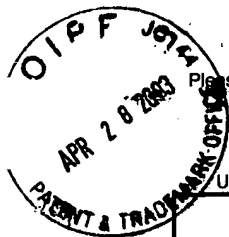
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Examiner Name	BUNNER, BRIDGET E.				
Sheet	2	of	2	Attorney Docket Number	VITA-002CIP

	GenBank Identification No. 815795	
	Genbank Identification No. 3876325	
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	Genbank Identification No. 9864498	
	Genbank Identification No. 9884693	
	Genbank Identification No. 9926440	
	Genbank Identification No. 9944141	
	Genbank Identification No. 9988160	
	GREGORIO et al., "Dynamic Properties of Ankyrin in T Lymphocytes: Colocalization with Spectrin and Protein Kinase C β ," <i>J. Cell Biol.</i> , (1982), Vol. 125:345-358.	
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	KUPFER et al., "Small Splenic B Cells That Bind to Antigen-Specific T Helper (Th) Cells and Face the Site of Cytokine Production in the Th Cells Selectively Proliferate: Immunofluorescence Microscopic Studies of Th-B Antigen-presenting Cell Interactions," <i>J. Exp. Med.</i> , (1994), Vol. 179:1507-1515	
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	MANO, H., "Tec family of protein-tyrosine kinases: an overview of their structure and function," <i>Cytokine Growth Factor Rev.</i> , (1999), 10:267-80	
	MIKI, H. et al., "Induction of filopodium formation by a WASP-related actin-depolymerizing protein N-WASP," <i>Nature</i> , (1998), 391: 93-6	
	NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap ; Accession No.: AA281512, "National Cancer Institute, Cancer Genome Anatomy Project Tumor Gene Index"	
	ROZDZIAL, MM, "Tyrosine-Phosphorylated T Cell Receptor Chain Associates with the Actin Cytoskeleton upon Activation of Mature T Lymphocytes," <i>Immunity</i> , (1995), 3: 623-633	

Examiner Signature		Date Considered	
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